

MAZUREK, Ludwik

Mastectomy in cancer of the prostate. Urol. polska 9:103-106
1956.

1. Z I Kliniki Chirurgicznej A.M. w Lodzi. Kierownik: prof. dr.
M. Stefanowski.

(GYNECOMASTIA, etiology and pathogenesis,
estrogen ther. of cancer of prostate, mastectomy (Pol))
(ESTROGENS, injurious effects,
gynecomastia in ther. of cancer of prostate, mastectomy (Pol))
(PROSTATE, neoplasms,
ther., estrogens causing gynecomastia, mastectomy (Pol))

MAZUREK, L

SLASKI, Tadeusz; MAZUREK, Ludwik

Necrosis of the renal papillae. Polski tygod.lek. 11 no.47:
1992-1995 19 Nov 56.

1. Z I Kliniki Chirurgicznej A.M. w Lodzi; kierownik: prof.
dr. Marian Stefanowski, Lodz, Zielona 16.

(KIDNEY DISEASES, case reports,
necrosis of papillae (Pol))

MAZUREK, Ludwik; STAPOR, Karol

Indications and technic of pelvic uretero-pyelography during
surgery. Polski przegl. chir. 28 no.9:925-927 Sept 56.

1. Z I Kliniki Chirurgicznej A.M. w Lodzi Kierownik: prof.
dr. M. Stefanowski.

(KIDNEY PELVIS, radiography,
uretero-pyelography, perop. (Pol))
(URETERS, radiography,
same)

MAZUREK, Iindwik

Value of separate radiological symptoms for diagnosing malignant neoplasms of the kidney. Urol. polska no.11:115-123 1957.

1. Z I Kliniki Chirurgicznej A. M. w Lodzi Kierownik: prof. dr M. Stefanowski i z Oddzialu Urologicznego Panstw. Sanatorium Przeciwgruzliczego w Tuszyku Ordynator: doc. dr I. Mazurek.

(KIDNEYS, neoplasms
diag., value of separate x-ray manifest. (Pol))

MAZUREK, Ludwik

STAPOR, Karol; MAZUREK, Ludwik

Ligation of hypogastric arteries in hemorrhage of urinary bladder. Polski przegl. chir. 29 no.3:217-226 Mar 57.

1. Z I Kliniki Chirurgicznej A.M. w Lodzi Kierownik:
prof. dr. M. Stefanowski. Adres autora: Karol Stapor, Lodz,
ul. Wolczanska 96 m. 1.

(BLADDER, hemorrh.

surg., ligation of hypogastric arteries (Pol))

(ARTERIES, ILIAC, surg.

ligation of hypogastric arteries for bladder hemorrh.
(Pol))

EXCERPTA MEDICA Sec o Vol 13/10 Survey Oct. 50

6138. ANASTOMOSIS URETERO-VESICALIS LATERO-LATERALIS - Boczne
zespolenie moczowodowo-pęcherzowe (anastomosis uretero-vesicalis latero-
lateralis) - Mazurek L. and Grabowski W. Oddz. Urol. Państw.
Sanat. Przeciwgruźliczego w Tuszynku; I Klin. Chir. A.M., Łódź - UROL.
POL. 1958, 12 (233-244) Illus. 13

The results obtained with this operation in 4 patients led to the conclusion that in cases of narrowing accompanied by a considerable enlargement of the ureter above the stricture treatment by extravesical latero-lateral uretero-vesical-anastomosis can be recommended. Three of the patients, reported had a tubular stricture of the ureter and one, a girl aged 9, had a congenital stricture. In one of the cases, the progressing pyelonephritis necessitated removal of the kidney. In the remaining cases, good results were confirmed by 2 yr. of observation.

EXCERPTA MEDICA Sec 9 Vol 13/11 Surgery Nov 59

6854. THE INFLUENCE OF ANTI-TUBERCULOUS DRUGS ON THE SECRETORY CAPACITY OF A TUBERCULOUS KIDNEY - L'influence des médicaments antituberculeux sur la capacité sécrétoire d'un rein tuberculeux - Mazurek L. J. and Jasinski Z. Serv. d'Urol. du Sanat. Antituberc., Tuszynek Lodz - ACTA UROL. BELG. 1958, 28/4 (347-356) Illus. 5

The indigocarmine test is sufficient to test the function of a tuberculous kidney in patients who have not had any treatment against it. On the other hand, in patients who have taken antituberculous drugs, the excretion of indigocarmine does not correspond with the spread of the tuberculous changes; here, a satisfactory result does not indicate that a tuberculous kidney has healed.

MAZUREK, Ludwik; JANKOWSKA, Jadwiga; STAPOR, Karol

Diseases of the bladder neck in children with special reference to the appearance of hydronephrosis. Pediat. polska 34 no.1:65-75 Jan 59.

l. z Kliniki Chirurgii Dziecięcej A. M. w Łodzi Kierownik: prof. dr med. A. Maciejewski z I Kliniki Chirurgicznej A. M. w Łodzi Kierownik: prof. dr med. M. Stefanowski. Adres: Doc. dr Ludwik Mazurek, Łódź,
ul. A. Struga 27.

(HYDRONEPHROSIS, in inf. & child.
caused by bladder neck dis. (Pol))

(BLADDER, dis.
neck dis. in child. causing hydronephrosis (Pol))

MAZUREK, Ludwik J., i WOJTAŁ, Stanisław

"Idiopathic" extraperitoneal rupture of "minor" cirrhosis of
tuberculous bladder. Polski tygod. lek. 15 no.49:1891-1894
5 D '60.

1. Z Oddziału Urolegicznego Państwowego Sanatorium Przeciwgruzilicznego
w Tuszynku k Łodzi; ordynator Oddziału: doc. dr med. Ludwik J.
Mazurek.

(TUBERCULOSIS UROGENITAL compl)

MAZUREK, Ludwik J.; JASINSKI, Zygmunt

Difficulties in the diagnosis of advanced renal tuberculosis. Polski
przegl.radiol. 25 no.3:433-443 My-Je '61.

l. Z oddzialu Urologicznego Państwowego Sanatorium Przeciwgruzliczego
w Tuszynku k Łodzi Ordynator Oddziału: doc. dr med. L. J. Mazurek.

(TUBERCULOSIS RENAL radiog)

MAZUREK, Ludwik Jerzy; DMOCHOWSKI, Jan Rafal; BIERNAT, Stanislaw

Experimental studies on vesicorectal fistula in dcgs. Polski
przegl. chir. 33 no.11a:1419-1424 '61.

1. Z I Kliniki Chirurgicznej AM w Lodzi Kierownik: prof. dr
M.Stefanowski z Zakladu Patologii Ogolnej AM w Lodzi Kierownik:
prof. dr F.Venulet z Zakladu Anatomii Patologicznej AM w Lodzi
Kierownik: dr A.Pruszczynski.
(VESICAL FISTULA exper) (RECTAL FISTULA exper)

MAZUREK, Ludwik; STAPOR, Karol

Post-irradiation vesicovaginorectal fistula treated surgically. Ginek.
pol. 33 no. 5:563-567 '62.

l. Z I Kliniki Chirurgicznej AM w Lodzi.Kierownik: prof. dr med.
M. Stefanowski.Z Oddzialu Urologicznego.Kierownik: doc. dr L. Mazurek.
(VESICOVAGINAL FISTULA) (RECTAL FISTULA)
(RADIATION INJURY)

MAZUREK, Ludwik; JASINSKI, Zygmunt; FRYD, Karol

Remote results of enterocystoplasties (report of 42 cases). Pol.
przegl. chir. 34 no.10a:1073-1081 '62.

l. z Oddzialu Urologicznego Panstwowego Sanatorium Przeciwgruzliczego
w Tuszyku k/Lodzi Ordynator Oddzialu: doc. dr L. Mazurek Dyrektor
Sanatorium: dr M. Czkwianianc.
(URINARY DIVERSION)

MAZUREK, Ludvik, inz.

Reduction of costs on telephone calls and telegrams abroad.
Pod org 17 no.10:460-462 0 '63.

1. Ferromet, podnik zahraničního obchodu, Praha.

JASINSKI, Zygmunt; MAZUREK, Ludwik, I.

Nephroplication. Pol. przegl. chir. 35 no. 11: Supplement:
1255-1259 N° 63.

1. Z Oddzialu Urologicznego (kierownik: doc.dr. L. Mazurek)
Panstwowego Sanatorium Przeciwgruzliczego w Tuszyku k.
Lodzi (dyrektor Sanatorium: dr. M. Czwianianc.).

*

SIEROSZEWSKI, Jozef; LAUDANSKA, Estella; MAZUREK, Ludwik; TERLECKA, Helena,
GWODZ, Antoni; WISNIOWSKA, Alicja.

Urological changes following extensive gynecological surgery.
Pol. przegl. chir. 36 no.2:177-184 F'64

1. Z I Kliniki Chorob Kobiecych AM w Lodzi (kierownik: prof.dr.
J.Sieroszewski) i z Oddzialu Urologicznego (kierownik: doc. dr.
L. Mazurek) i I Kliniki Chirurgicznej AM w Lodzi (kierownik:
prof.dr. M.Stefanowski).

GORECKI, Roman, dr.; MAZUREK, Ludwik, doc. dr.

Study of the drug resistance of bacilli isolated from the respiratory organs and the urogenital system. Gruzlica 33 no.3: 209-213 Mr'65.

Comparison of the results of chemotherapy of pulmonary tuberculosis associated with tuberculosis of the urogenital system.
Ibid.: 215-218

1. Z Oddzialu Urologicznego (Ordynator: doc. dr. L. Mazurek)
i z Oddzialu Wewnetrznego (Ordynator: dr. R. Gorecki) Pan-
stwowego Sanatorium Przeciwgruzliczego w Tuszynku.

WALCZYNA, Jan, dr.; MAZUREK, Mikolaj, mgr

Testing the oxygen content in water carried out during flooding of
inundated and subsunken meadows. Gospodarka wodna 23 no.2:95-96 F '63.

1. Instytut Melioracji i Uzytkow Zielonych, Warszawa.

MAZUREK, S., mgr inz.

Steaming as thermal machining. Przegl techn no.6:9 10 F
'63.

1. Kierownik Ośrodka Dokumentacji i Normalizacji, Instytut
Mechaniki Precyzyjnej, Warszawa.

"AZTRE", Tadeusz

"AZURE", Tadeusz

Budownictwo kolejowe; Tom 4. Główne. Wydawnictwo Wydziału Inżynierii.
Warszawa, Maki. Akademickiej Spółdzielni Wydawniczej, 1949. 204 p. [Con-
struction of Railroads, Railway Buildings; Textbook for Higher Technical
Schools]

SC: Monthly List of East European Acquisitions, Library of Congress, Vol. 2, No. 10
October 1953. Unclassified.

MAZUREK, T.

MAZUREK, T.; BRZYWCZY-KUNIŃSKA, Z. "Present activities of the Department of Municipal Engineering of the Institute of Municipal Economy. Biuletyn."
Gaz, Wodna I Technika Sanitarna, Warsaw, Vol 28, No 4, Apr. 1954, p. 3

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

P/014/63/042/002/003/003
D204/D307

AUTHORS:

Mazurek, Zyta and Mazurek, Tadeusz

TITLE:

The equilibrium during the conversion of methane
with water vapor at normal pressure

PERIODICAL:

Przemysl Chemiczny, v. 42, no. 2, 1963, 103-106

TEXT: The present work was motivated by the absence of information regarding the conversion equilibrium of natural gas mixtures found in industry. Using a composition of natural gas actually occurring in Poland (92.8 CH₄, 5.9 N₂, 0.7 H₂ and 0.6 vol.% CO₂), the authors calculated thermodynamically the equilibrium compositions of the gas obtained by reacting the above mixture with water vapor, for gas: H₂O ratios of 1 : 2.0 - 3.0, in the temperature range 626.8 - 1026.8°C. It is shown that the amount of unreacted CH₄ in the converted gas decreases with increasing temperature (to 1% at 700°C and 0.02% at 927°C). The H₂ content in converted gas reaches a maximum at 827°C, and falls very slightly at higher temperatures. The CH₄ and CO contents decrease, and the H₂ and CO₂ Card 1/2.

The equilibrium ...

P/014/63/042/002/003/003
D204/D307

contents increase with increasing excess of water vapor. There are 5 tables.

ASSOCIATION: Zaklady Chemiczne Oświęcim (Chemical Works Oswiecim)

SUBMITTED: April 2, 1962

Card 2/2

MAZUREK, Tadeusz; MAZUREK, Zyta

Minimum of water steam consumption in the carbon oxide conversion process. Przem chem 42 no.10:589-591 0'63.

MAZURKEVICH, V.V., assistant

Automatic control of circular in-feed grinding. Izv. vys. ucheb.
zav.; mashinostr. no.8:161-173 '64.

(MIRA 17:11)

l. Moskovskiy avtomekhanicheskiy institut.

MAZUREK, V. V.

"Thermodynamics of ketone formation from ethyl alcohol." (p. 1324)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1952, Vol. 22, No. 8

MAZUREK, V. V.

MAZUREK, V.V.

The connection between chemical structure and chemical properties.
Socob.o nauch.rab.chl.VKHO no.3:14-25 '54. (MIRA 10:10)
(Chemical structure) (Chemical reaction--Mechanism)
(Chemical equilibrium)

DOLGOV, B.N.; MAZUREK, V.V.; KROL', V.A.

Dilution effect on the activity of copper catalyst in the dihydration
of butyl ether. Zhur. ob. khim. 28 no.9:2395-2399 S '58.
(MIRA 11:11)

1. Leningradskiy gosudarstvennyy universitet.
(Dehydration) (Catalysts)

5.3832

S/020/60/132/04/25/064
B011/B^c,

AUTHORS: Barvinok, M. S., Kuprin, V. S., Mazur', V. V.,
Semenov, G. I.

TITLE: Physicochemical Investigation of the Process Involved
in the Formation of Furfurol-aniline Resins

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 4,
pp. 826-828

TEXT: The chemical nature of the formation of furfurol-aniline resins has not yet been described in publications. The authors investigated this problem by chemical and physical methods in addition to physico-chemical ones. They used aniline, furfurol, acetone, toluene (pro analysis), and hydrochloric acid (chemically pure). The light absorption of this system was measured with a photoelectric spectrophotometer of the type СФ-4 (SF-4). Acetonic furfurol- and aniline solutions were mixed in different ratios. Concentrated hydrochloric acid was added to the aniline solutions in acetone. The light absorption of these

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1

Physicochemical Investigation of the
Process Involved in the Formation of
Furfural-aniline Resins

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B011/B003

solutions was measured 30 min after mixing. The results are illustrated in Fig. 1. On the curve optical density/composition (Curve 1, $\lambda = 560 \text{ m}\mu$) a special point is marked, which corresponds to the molar ratio of furfural : aniline = 1 : 1 (spectral range 530-560 $\text{m}\mu$). The compound thus formed in the first stage of resin formation corresponds to furfuranil (I) (Ref. 4, see Scheme). The stage of a more intensive formation of resin was studied on the system furfural - aniline - HCl - acetone (furfural - aniline: 20 mole %, HCl 0.012 mole %). If furfural-aniline mixtures are heated to 40°C and the HCl concentration is raised, the formation of resins is intensified. The diagram optical density/composition (Curve 2, $\lambda = 565 \text{ m}\mu$) is more complicated in this case. On the curves optical density/composition special points are marked, which correspond to the molar ratios of furfural: aniline = 2 : 1, 1 : 1, 1 : 2, and 1 : 4. These points are confirmed on this diagram by investigation of the cross section with a furfural-aniline amount of 40 mole % (Curve 3, $\lambda = 570 \text{ m}\mu$). The authors measured the viscosity of the system furfural-aniline-HCl (HCl 0.012 mole %) with a viscosimeter

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Physicochemical Investigation of the
Process Involved in the Formation of
Furfurol-aniline Resins

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B011/B003

for precision measurements at 60°, since the furfurol-aniline resins were in viscous-liquid state at this temperature. On the curves viscosity/composition a distinct maximum is visible, which corresponds to the reaction of furfurol and aniline in a molar ratio of 1 : 2 (Curve 4). At this point the viscosity of the system exceeds the viscosity of the components used by 1000 times. The abscissa of this point (composition) does not change if a non-reacting substance is added (toluene), although the viscosity of the system is thus reduced. The thermal effect was investigated by means of a calorimeter. In order to construct the diagram thermal effect/composition, the system furfurol - aniline - HCl (HCl 0.048 mole %) was studied. The special point on Curve 5 corresponds to the reaction of furfurol with aniline in a molar ratio of 1 : 2. Thus, this special point on the diagrams composition/property is confirmed by studying light absorption, thermal effect, and viscosity. Resins corresponding to this special point are the best stabilizers for soils (Ref. 2). The authors proved by chemical methods and infrared spectroscopy that two chemical compounds correspond

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Physicochemical Investigation of the
Process Involved in the Formation of
Furfurol-aniline Resins

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B011/B003

to the special point mentioned. One of these compounds (II) is converted into the other (III) by ring formation. (III) was obtained from the resin as colorless crystals with a melting point of 144°. On the strength of the results obtained the authors assume that furfurol-aniline resins are a mixture of low-molecular compounds (II) and (III). Their crystallization is impeded by the non-cyclic form of (II). There are 1 figure and 6 references, 3 of which are Soviet.

PRESERVED: January 29, 1960, by I. V. Tananayev, Academician

SUBMITTED: January 20, 1960

Card 4/4

S/079/61/031/002/017/019
B118/B208

AUTHORS: Barvinok, M. S., Kuprik, V. S., Mazurek, V. V., and Semenov,
G. I.

TITLE: Study of the reaction of furfurole with aniline

PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 2, 1961, 632-641

TEXT: To explain the chemism of resin formation, it was suitable for the investigation of the system "furfurole - aniline" to apply physicochemical analysis, in addition to chemical methods, to obtain a better insight into conversions occurring in this system. To follow up the formation of reaction products of furfurole with aniline in the first stage of reaction, the light absorption of the system "aniline - furfurole - hydrochloric acid - acetone" was studied. All chemically pure products applied had previously been distilled. An adequate quantity of hydrochloric acid was added to the aniline solution. Half an hour after mixing the acetone solutions of furfurole and aniline, the optical density attained a constant value. The curve of optical density as a function of composition shows a maximum in the range 350-566 $\mu\mu$ which corresponds to the formation of a chemical com-

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S/079/61/031/002/0:7/019
B118/B208

Study of the reaction ...

pound from furfurole and aniline in a molar ratio of 1:1. To study the composition, the reaction products (at an advanced stage of resin formation of the mixture of different compositions), which were obtained by mixing furfurole with aniline and hydrochloric acid in the corresponding molar ratios, were thermostated at 40°C for 7 hr. The resinous material was dissolved in acetone, and the optical density of the solutions determined. Increase of temperature and hydrochloric acid content promotes resin formation. The curve of optical density as a function of composition now shows maxima corresponding to the molar furfurole/aniline ratios of 2:1, 1:1, 1:2, 1:4. The same mixtures of furfurole and aniline at elevated temperature lead to fixation of the resin formation at a certain stage. In order to confirm the complex formation, viscosity was studied as a function of composition, and thermal effect as a function of composition. Viscosity and thermal effect attained a maximum corresponding to the reaction of furfurole with aniline at a molar ratio of 1:2. A compound of this composition was separated from the resin in crystalline state; besides, its hydrogenation products were obtained. On the basis of the infrared and ultraviolet spectra of these compounds, and of the model compound (of 1, 5-diphenyl pyrrolidone-3), the structural formula 5-methyl aniline-1-phenyl pyrrolidone-3 was suggested.

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Study of the reaction ...

S/079/61/031/002/017/019
B118/B208

for the product separated from the resin. I. M. Motkina and B. N. Sverdlova assisted in the experiments. There are 8 figures, 2 tables, and 16 references: 1 Soviet-bloc and 10 non-Soviet-bloc.

SUBMITTED: July 18, 1960

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Card 3/3

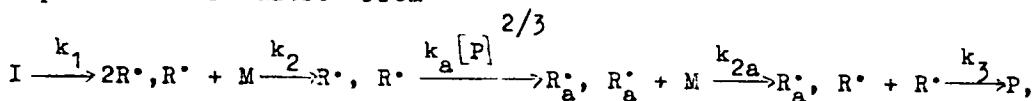
S/190/62/004/007/002/009
B145/B180

AUTHORS: Lyubetskiy, S. G., Mazurek, V. V.

TITLE: Free radical polymerization of ethylene. IV. Kinetics of the heterophase polymerization of ethylene

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 7, 1962,
1027 - 1032

TEXT: An equation is derived for the rate of ethylene polymerization, with the polymer precipitating as a solid, and is compared with experimental results. From



$R_a^\cdot + R^\cdot \xrightarrow{k_{3a}} P$, where I is the initiator, R^\cdot the radical in the homogeneous phase, R_a^\cdot the radical in the solid phase ("living" polymer),
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B145/B180

Free radical polymerization of...

M is the monomer and P is a polymer molecule. The equation

$$-\frac{d[M]}{dt} = k_2/k_3 [M]^{1/2} k_a I_0^{4/3} (1 - e^{-k_1 t})^{4/3} + 2k_1 k_3 [I]_0 e^{-k_1 t} \quad (20)$$

is obtained with the simplification $k_{2a}/k_{3a} \approx k_2/k_3$, and on the assumption that the surface variation in the solid phase, due to increase in polymerization coefficients during the reaction, is constant and incl. in k_a , which is itself constant at constant monomer concentration.

For α , the above expression goes over into the usual formula for homogeneous polymerization. With deep conversion

($e^{-kt} \approx 0$): $\bar{P}_n \approx c$. The equations showed good agreement with experimental data in publications (S. G. Lyubetskiy, B. A. Dolgoplosk, B. L. Yerusalimskiy, Vysokomolek. soyed., 4, 533, 1962; G. Overberger, M. O. Shaughnessy, H. Shalit, J. Amer. Chem. Soc., 71, 2661, 1949) and with measurements made during experiments lasting up to 10 hrs. The calculated \bar{P}_n was somewhat higher than the experimental value, owing either to chain transfer of the monomer or to error in the determination

Card 2/3

Free radical polymerization of...

S/190/62/004/007/002/009
B145/B180

of the molecular weight. B. A. Dolgoplosk and S. Ya. Frenkel' are thanked for their interest. There are 2 figures and 2 tables. The most important English-language references are: W. M. Thomas, J. J. Pellan, J. Polymer Sci., 13, 329, 1954; J. Durup, M. Magat, J. Polymer Sci., 18, 586, 1955; D. E. Moore, A. G. Parts, Makromolek. Chem., 37, 108, 1960; C. H. Bamford. W. G. Barb, A. D. Jenkins, P. F. Onyon, The Kinetics of Vinyl Polymerization by Radical Mechanisms, 1958, p. 116.

ASSOCIATION: Insti^tut vysokomolekuljarnykh soyedineniy AN SSSR
(Institute of High-molecular Compounds - AS USSR)

SUBMITTED: April 18, 1961

Card 3/3

1, 19803-65 LWT(-)/SFT(c)/EPR/ECP(3)/T PC-L/PY-L/PA-L RPL/AEDC(a)/ASD(m)-3/

AF/STR RM/MW

ACCESSION NR: AP5003613

S/0190/64/006/007/1294/1301

AUTHOR: Yerusalimskiy, B.L.; Krasnosel'skaya, I. G.; Mazurek, V. V.

TITLE: Polymerization of chloroprene under the influence of organo-metallic compounds, I. The chloroprene-butyllithium system

SOURCE: Vysokomolekulyarnyye soyedineniya, N. 6, no. 7, 1964, 1294-1301

TOPIC TAGS: polymerization, macromolecular chemistry, organolithium compound, chlorinated organic compound, chemical reaction kinetics

Abstract: Data are cited on the polymerization of chloroprene under the influence of butyllithium; in spite of the low efficiency of the process, the authors note the value of an investigation of this reaction in the light

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R 19803-6C

ACCESSION NR: AP5003613

of the concentration of the organometallic compound during polymerization revealed that isomerization takes place in the growing chains, and there are two different chain growth reactions, for which the values of the individual

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26 forms, and 5 graphs.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy AN SSSR (Institute of High-Molecular Compound's, AN SSSR)

SUBMITTED: 13/4/83

ENCL: 00

SUB CODE: OC, GO

NO RET SOV: 006

OTHER: 006

JPRS

Card 2/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001033130012-7"

MAZUREK, V.V.; GASAN-ZADE, V.G.; NESTERCHUK, G.T.

Temperature dependence of the degree of vinyl acetate polymerization.
Vysokom. soed. 6 no.8:1434-1439 Ag '64. (MIRA 17:10)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

MAZUREK, V.V.; SEMENOV, G.I.;

Polarographic study of the Stenhouse aniline salt and its
bases. Zhur. ob. khim. 34 no.11:3546-3549 N '64 (MIRA 18:1)

Kinetics and mechanism of Stenhouse aniline salt hydrolysis.
Ibid.:3549-3554

L 33526-66 EWT(m)/T/EWP(j) IJP(c) WW/RM

ACC NR: AP6015052

(A)

SOURCE CODE: UR/0190/66/008/005/0876/0881

AUTHOR: Kulevskaya, I. V.; Yerusalimskiy, B. L.; Mazurek, V. V.

ORG: Institute of Macromolecular Compounds, AN SSSR (Institut vysokomolekularnykh soyedineniy AN SSSR)

TITLE: Polymerization kinetics of the acrylonitrile under the effect of butylmagnesium chloride

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 5, 1966, 876-881

TOPIC TAGS: polymer, monomer, polymerization kinetics, acrylonitrile, ~~magnesium~~, chloride, toluene, ~~magnesium~~ compound

ABSTRACT: The kinetics of polymerization in the system acrylonitrile, toluene, and butylmagnesium chloride at -75C has been investigated. A mechanism of the polymerization process involving elementary stages through intermediate complexes was proposed. For the initial stage of polymerization, the first order of the catalyst and the second order of the monomer were shown. The molecular weight of the polymers exceeded 200,000. Orig. art. has: 7 figures, 9 formulas, and 1 table.

[NT]

SUB CODE: 07 / SUBM DATE: 13May65 / ORIG REF: 006 / OTH REF: 012

Cord 1/1

80 UDC: 66.095.26+678.745

MAZUREK, Yu. V.

MAZUREK, Yu. V. --"Boron-Free Filler Enamels." *(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Min of Higher Education USSR, Lenin-grad Order of Labor Red Banner Technological Inst Izeni Lensoviet, Chair of Technology of Glass, Lenin-grad, 1955

SG: Knizhnaya Letopis', No. 25, 1st Jun 55

* For Degree of Doctor of Technical Sciences

VARGIN, V.V., prof., doktor tekhn.nauk; ANTONOVA, Ye.A., kant.tekhn.nauk;
GUTOROVA, L.L., starshiy nauchnyy sotrudnik; LITVINOVA, Ye.I..
kand.tekhn.nauk; LUCHINSKIY, V.V., inzh.; MAZUREK, Yu.V., kand.
tekhn.nauk; SENDEROVICH, V.Ya., kand.tekhn.nauk; SKHIBRYAKOVA,
M.V., nauchnyy sotrudnik; BELYAYEV, G.I., dotsent, kand.tekhn.
nauk, retsenzent; VAULIN, V.P., kand.tekhn.nauk, retsenzent;
GOMOZOVA, N.A., red.izd-va; EL'KINA, E.M., tekhn.red.; MKDVREDEV,
L.Ya., tekhn.red.

[Technology of enamels and the enameling of metals] Tekhnologija
emali i emalirovaniia metallov. Pod red. V.V.Vargina. Moskva.
Gos.izd-vo lit-ry po stroit., arkhit., i stroit.materialam, 1958.
(MIRA 12:3)
393 p.

1. Zaveduyushchiy kafedroy tekhnologii silikatov Dnepropetrovskogo
khimiko-tehnologicheskogo instituta (for Belyayev).
(Enamels and enameling)

MAZUREK, JU. V.

15(2)

PAGE 1 BOOK EXPLOITATION

SOV/2071

Vargin, V. V., Ye. A. Antonova, L. I. Gutikova, Ye. I. Litvinova, V. V. Luchinskij, Yu. V. Manukov, V. Ya. Sanderovich, and M. V. Stepan'yakova
Substrates and Imitative materials (Technology of Glass and Technical Sciences of Materials). Moscow, Gostroyzdat, 1959. 397 p. (Frontispiece printed.
 5,000 copies printed.)

Borisenko, G. I. **Silicate Glass (Properties of Glass and Technological Zirconium, Iron Oxide of Alumina Technological Sciences)**, Candidate of Technical Sciences. Moscow, 1958. 300 p. (Frontispiece of Technical Sciences) Ed.: V. V. Vargin, Doctor of Technical Sciences.

Ed. of Publishing House: E. A. Omskova; Tech. Mas: E. N. El'stina, and L. D. Bobrov.

PURPOSE: This book is intended for students of technological institutes and may also be useful to engineers and technicians.

CONTENTS: In this book the physicochemical, mechanical, thermal, optical, chemical, and electrical properties of glasses and glass-like materials are described. General information on raw materials, classification and calculation of glass compositions and processing methods is given. This book is for the most part a collective effort of faculty members of the Glass Department, working periodically at the Institute of Glass Technology, Soviet Institute of Lehigh University (Lehigh University), Chapter I, and XI, and the section Admixture of Glass I and II and III by Yu. A. Arshavskij, Candidate of Technical Sciences; Chapter IV by V. Ya. Sanderovich, Candidate of Technical Sciences; Chapter V and the section Chemical Stability in Chapter XII by Professor V. V. Vargin; Chapter VI by Yu. V. Manukov, Candidate of Technical Sciences; Chapters VII and XII by Yu. V. Litvinova; Chapters VIII and IX and the section Stress in an Elastic Layer in Chapter XII by Professor V. V. Kudryashov; and Chapters XVI, XVII, XIII, and the section Raw Glass Raw Glass Chapter XII by Yu. V. Sanderovich, Chapter XI by L. Gutikova, Yu. V. Litvinova, V. Ya. Lekhtina, N. N. Chudikova, L. P. Ananyev, E. E. Shishkovskaya, and V. P. Vargin are mentioned as having contributed to the development of the Soviet glass industry. The uses of glass materials for protection against corrosion, electric insulation, and other purposes are described. The use of glass fibers are treated in detail in the introduction. Basic research on glass is being conducted at the All-Union Scientific Research Institute of Nonmetallic Polymers (Institute of Nonmetallic Polymers) and the All-Union Polytechnical Institute (Institute of Chemical Technology) (former All-Union Polytechnical Institute). Soviet Glass Properties formerly All-Union Polytechnical Institute (Properties of Glass) and the Institute of Chemical Technology (Glass Properties) and the All-Union Research Institute of Glass Technology (Institute of Glass Technology) and others. There are 9 references.) 5 Soviet, 3 German and 1 English.

PART I: PHYSICO-CHEMICAL PROPERTIES OF GLASS AND GLASS COMPOSITION

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MAZUREK, Yu. V.

IS(2)
20V72-59-12-22/23Vardin, V.V.
Conference on Metals and Metal Processing
(Sovremennyye po analiza i analirovaniyu metallov)

PERSONAL: Steklo i keramika, 1959, Nr. 12, pp. 47-48 (USSR)

ABSTRACT: The organizers of the conference were Leningradskoye oblastnoye nauchno-tekhnicheskoye obshchestvo preobrabotki strukturnykh materialov (Leningrad Oblast Scientific and Technical Society of the Materials Industry). Leningradskoye otdeleniye sovetskoy promstoyki tekhnologicheskoy in-titutu nauchno-tekhnicheskoye tekhnologicheskoy in-titutu Leningradskogo gosudarstvennogo tekhnologicheskogo in-tituta (LGI) (Leningrad Technological Institute (Leningrad Scientific and Technical Institute)). The program of the conference included the most important problems of metals synthesis, metallization of steel products and industrial equipment. About 250 experts took part in the conference, representatives from works in the USSR, Ural, Novosibirsk, Omsk, Kuznetsk, Dzerzhinsk, as well as functionaries of the universities, of the scientific research and design institutes in Leningrad, Moscow, Sovetsk, Dnepropetrovsk, Sverdlovsk, Riga, Khar'kov, and other towns. More than 40 reports were given and discussed. Professor K.S. Ievlev, professor of the LGI (Leningrad Technical Institute), in his opening speech stressed the great economic importance of the problems of smelting metal products and apparatus.

V.I. Litvinov (Izdatel'stvo Leningradskogo gosudarstvennogo in-tituta nauchno-tekhnicheskoye obshchestva po analiza i analirovaniyu metallov) reported on the influence of foreign literature on the formation of "Vilneseks". In Vilnius, metal quality, the formation of "Vilneseks", its influence on the formation of glass and enamel, and methods of calculating the properties of glass and enamel according to their composition.

S.V. Serebrjakova (Izdatel'stvo Leningradskogo gosudarstvennogo in-tituta nauchno-tekhnicheskoye obshchestva po analiza i analirovaniyu metallov) reported on the formation of "Vilneseks" in Vilnius. A.A. Shopen, Institut khimii silitikov Akademii Nauk SSSR (Institute of Silicate Chemistry of the USSR), spoke on the present state of the problem of calculating the properties of glass and enamel according to their composition.

I.O. Petrunya, Leningradskiy zavod litschi (Leningrad Steel Works) gave a survey of foreign literature.

V.P. Mirkulin, Uralskiy politekhnicheskoy in-titut (Uralskiy Polytechnic Institute) reported on the character of interaction between enamel and melted enamel.

M.I. Likhite, Sverdlovskiy nauchno-tekhnicheskoy in-titut sanitarnoy tekhniki (Scientific Research Institute of Sanitary Engineering) reported on the emulsing of products in the electric field or a corona discharge.

T.G. Podlejnev, Leningradskiy zavod litschi (Leningrad Steel Works).

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Spoke of new types of emulsified steel products made in this factory.

V.P. Mirkulin, Uralskiy politekhnicheskoy in-titut (Uralskiy Polytechnic Institute) reported on the character of interaction between enamel and melted enamel.

P.S. Sharov, Uralskiy nauchno-tekhnicheskoy in-titut chernykh metallov (Uralskiy Scientific Research Institute of Ferrous Metalls) reported on the influence of the condition of the steel surface on the formation of "Vilneseks".

A.I. Bogoljubko, Institut of Silicate Chemistry of the Akademiya Nauk SSSR (Institute of Silicate Chemistry of the USSR), spoke on the new method of obtaining thin silicate coats of enamel solid solutions.

T.S. Podlejnev spoke on a new emulsing method with heating of the products by high-frequency currents.

P.A. Podlejnev, Leningradskiy zavod litschi (Leningrad Steel Works) gave information on new enamel used by the factory.

P.A. Podlejnev (Leningrad Steel Works) gave information on new enamel used by the factory.

P.I. Polubinskaya, Krasnogorskoye metallurgicheskoye zavod (Krasnogorsk Metallurgical Works) reported on the dependence of the softening angle and the enamel deliquescence on the correlation of boric and non-boric salts.

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SOV/22-38-12-22/1

Conference on Enamels and Metal Coatings

P.G. Pankah, Latvian General University, reported on the investigation of fired prime enamels (Latvian State University), reported on the investigation of fired prime enamels for cast iron.

V.I. Lopatin, Scientific Research Institute of Sanitary Engineering, reported on the influence of chemical composition on some properties of easily fusible powder enamels.

The following reports were given:

By the TII (Tallinn) Laboratory: steel and titanium enamels; L.I. Oshorov on phosphate aluminum siliconic enamels for aluminum.

M.V. Sazaryakova on highly colored antimony enamels.

G.A. Kostyukova on the investigation of a systematic series of oxidized blue and brown pigments.

N.V. Kuznetsov on the investigation of the following reports.

The Kirovograd Polytechnical Institute gave the following reports:

K.A. Anarev on new methods of enamel synthesis and on the influence of iron oxide on the physico-chemical properties of the prime coat.

V.I. Zvereva on the properties of the glass phase in the burning process of the prime coat.

V.I. Lopatin on phosphate enamels.

I.Y.I. Todorovina on primeless coats.

Collaborative of the Dnepropetrovsk Chemical-Tecnological Institute reported:

G.I. Solntsev on the solid content and basicity of enamel, and on the influence of the concentration on some properties of prime enamel.

In. D. Barinov on the analysis of enamels by atomic.

I.V. Puro, Leningradsky Krasnokholmsky factory (Leningrad) on the Chemical Production (Kochinsk) and S.I. Solntsev (Minsk) on the experiments of manufacturing enamelous chemicals of prime enamels; A.S. Semenov spoke on the issue of blistering of prime enamels; V.G. Mayev reported (Zaporozhye "Detsky" Works) and the Zaporozhye Research Institute (Zaporozhye "Detsky" Works) on the methods of preventing table faults.

Aires, reported on the successful application of vibration grinding for crushing sand and non-homogeneous layers, as well as on the experiments of using white titanium enamel layers.

V.G. Mayev reported on the improvement in the burning technology of enamel coats in combination with the character of furnaces to use, as well as on prospects of utilizing the furnace.

V.A. Oberin reported on the work of the design office of the vessel manufacture at the Lys'enskii Metalurgical Works.

N.I. Igoreva, representative of the State Office for Planned Economy, reported on the production volume for the next years, as well as on the standard specifications of baths consumption provided.

The members of the conference passed resolutions for obtaining an improvement in the quality of enamels products, as well as for increasing their production and creating a new technology and new production methods.

Card 4/6

VARGIN, V.V., prof., doktor tekhn. nauk; ANTONOVA, Ye.A., kand. tekhn. nauk; GUTOROVA, L.L., st. nauchn. sotr.; LITVINOVA, Ye.I., kand. tekhn. nauk; LUCHINSKIY, V.V., inzh.; MAZUREK, Yu.V., kand. tekhn. nauk; SENDEROVICH, V.Ya., kand. tekhn. nauk; SEREBRYAKOVA, M.V., st. nauchn. sotr.

[Technology of enamels and the enameling of metals]
Tekhnologija emali i emalirovaniia metallov. Moskva,
Stroizdat, 1965. 315 p. (MIRA 18:5)

MAZUREK, Z.

"New organization of building construction agencies for state farms." Budownictwo Wiejskie, Warszawa, Vol 6, No 2, Mar./Apr. 1954, p. 23.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

POLAND

J. PARNAS, Z. MAZUREK, W. SZMUNES, A. KOSLAK, J. UMINSKI, W. ZNOLSKI,
K. BUFOZY, S. TOS-LUTY, U. ZCZESNIAK, M. CYBULSKA, H. HARIASZ, R.
KORZAN and M. CEGIELKO, Witold Chodzko Institute for Occupational
Medicine and Country Hygiene of Ministry of Health and Social Welfare
(original versions not stated), (Instytut Medycyny Pracy i Higieny WSI)
Lublin, Poland.

"Studies on Diseases Foci of Anthropozoonoses in the Bieszczady Area
(Carpathians.)"

Leipzig, Archiv fuer Experimentelle Veterinaermedizin, Vol 16, No 6,
1962; pp 1091-1114.

Abstract: Massive study of this area which was "razed" in the second
World war: 25-men expedition, serologic tests on 728 persons, 727 small
mammals, 401 cattle, 168 sheep, 64 birds; inspection of stables, wells
etcetera, to trace natural foci if any of anthrax, brucellosis, ornithosis,
Q-fever, leptospirosis, toxoplasmosis and other infectious diseases.
Twentyfour tables, detailed results and discussion.

1/1

19

P/014/63/042/002/003/003
D204/D307

AUTHORS:

Mazurek, Zofia and Mazurek, Józef

TITLE:

The equilibrium during the conversion of methane
with water vapor at normal pressure

PERIODICAL:

Przemysł Chemiczny, v. 42, no. 2, 1963, 103-106

TEXT: The present work was motivated by the absence of information regarding the conversion equilibrium of natural gas mixtures found in industry. Using a composition of natural gas actually occurring in Poland (92.8 CH₄, 5.9 N₂, 0.7 H₂ and 0.6 vol.% CO₂), the authors calculated thermodynamically the equilibrium compositions of the gas obtained by reacting the above mixture with water vapor, for gas: H₂O ratios of 1 : 2.0 - 3.0, in the temperature range 526.8 - 1026.8°C. It is shown that the amount of unreacted CH₄ in the converted gas decreases with increasing temperature (to 1% at 700°C and 0.02% at 927°C). The H₂ content in converted gas reaches a maximum at 827°C, and falls very slightly at higher temperatures. The CH₄ and CO contents decrease, and the H₂ and CO₂

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P/014/53/042/002/003/003
D204/D307

The equilibrium ...

contents increase with increasing excess of water vapor. There are 5 tables.

ASSOCIATION: Zakłady Chemiczne Oświęcim (Chemical Works Oswiecim)

SUBMITTED: April 2, 1962

Card 2/2

MAZUREK, Tadeusz; MAZUREK, Zyta

Minimum of water steam consumption in the carbon oxide conversion process. Przem chem 42 no.10:589-591 0'63.

Poland/Pharmacology. Toxicology. Various Preparations v

Abs Jour : Ref Zhur-Biol., No 8, 1958, 37640

Author : Mazurek-Piechocka Irena
Inst : Not given
Title : Attempt to Treat Primary Chronic Rheumatism
with Methyl -thiouracil (Popытка lecheniya metil-
tiouratsilom pervichno-khronicheskovo revma-
tisma)

Orig Pub : Prezeqsl. lekar, 1957, 13, No 5, 141-143

Abstract : Therapy of the patients with methyl thiouracil
failed to produce any results.

Card 1/1

WIERNY, Lech; MAZUREK-PIECHOCKA, Irena

Hyperostosis generalisata. Polski przegl.radiol. 24 no.6:357-363
N-D '60.

1. z Zakladu Radiologii Lekarskiej Sl. A.M. w Zabrusu, Kierownik:
prof. dr med. S.Januszkiewicz i z II Kliniki Chorob Wewnetrznych
Sl. A.M. w Zabrusu, Kierownik: prof. dr med. J.Japa.
(BONE DISEASES)

MAZUREK, Zyta, mgr inz.

Prospects for the production of isoprene caoutchouc. Chemik 15
no.3:89-91 Mr '62.

1. Zaklady Chemiczne, Oswiecim.

KORF, D.M.; MAZUREN, A.A.

Production of manganese dioxide of reagent purity. Khim.prom.
no.5:361 My '61. (MIRA 14:6)
(Manganese oxide)

MAZURENKO, A.P.; DEMIN, Yu.M.

Introducing a butt alignment machine for short timber assortment.
Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn.
inform. 18 no.10:39-40 0'65. (MIRA 18:12)

MAZURENKO, Aleksandr Petrovich; MYAGKOV, V.A., redaktor; AGRANDOVSKAYA, N.D.,
redaktor; KARASIK, N.P., tekhnicheskij redaktor.

[Tractor driver Aleksandr Chishi] Traktorist Aleksandr Chishi. Moskva,
Goslebunizdat, 1954. 17 p.
(Tractors) (MIRA 8:5)

MAZURENKO, A.I.

The BS-2 log tripping unit. Biul. tekhn.-svch. inform. Gos.
nauch.-issl. inst. nauch. i tekhn. inform. L'no. 15-47 Ap. 1
(M.RA 17 b)

MAZURENKO, Grigoriy Iovich; PODOROZHNYY, P.G., dotsent, otv.red.;
KOTLYAROV, Yu.L., red.; MALYAVKO, A.V., tekhnred.

[Diseases of the liver and the biliary tracts and their treatment
at the Truskavets Health Resort] Zabolevaniia pecheni i zhelchnykh
pntei i ikh lechenie na kurorte Truskavets. L'vov, Izd-vo L'vovskogo
univ., 1960. 92 p. (MIRA 13:7)

(LIVER--DISEASES) (BILIARY TRACT--DISEASES)
(TRUSKAVETS--MINERAL WATERS)

MAZURENKO, Grigoriy Iovich; ROMANYAK, M.I., doktor med. nauk, otv.
red.; KOTLYAROV, Yu.L., red.; MALYAVKO, A.V., tekhn. red.

[Treatment of patients with chronic diseases of the liver
and bile ducts at the Truskavets Health Resort] Lechenie
bol'nykh s khronicheskimi zabolevaniami pecheni i zhelch-
nykh putei na kurorte Truskavets. Izd-vo L'vovskogo univ.
n.p. 1963. 133 p. (MIRA 16:12)
(LIVER—DISEASES) (BILE DUCTS—DISEASES)
(TRUSKAVETS—HEALTH RESORTS, WATERING PLACES, ETC.)

MAZURENKO, Galina Viktorovna; MOLCHANOV, I.V., otv.red.; PROTOPOPOV,
V.S., red.; VLADIMIROV, O.G., tekhn.red.; BRAYNIKA, N.I.,
tekhn.red.

[The Angara and the Lena in the Baikal region] Angara i Lena
v Pribaikal'e. Leningrad, Gidrometeor.izd-vo, 1959. 92 p.
(MIRA 13:4)

(Angara River) (Lena River)

BOLOTIN, K.; BONDARCHUK, S.; MAZURENKO, I.

Prophylactic fumigation of products. Muk.-elev.prom. 25 no.7:
28-29 Jl '59. (MIRA 12:11)

1. Ukrainskaya mezhoblastnaya optyno-proizvodstvennaya laboratoriya po bor'be s ambarnymi vreditelyami (for Bolotin). 2. TSentral'naya optyno-proizvodstvennaya laboratoriya po bor'be s ambarnymi vreditelyami (for Bondarchuk). 3. Ministerstvo khleboproduktov Uzhekskoy SSR (for Mazurenko).

(Fumigation)

MAZURENKO, I.V.

Pickup for checking the center distance of a gear-wheel tooth.
Stan.1 instr. 33 no.9:19-21 S '62. (MIRA 15:9)
(Gearing—Testing) (Electronic instruments)

MAZURENKO, I.V.

Attachment to an amplitude pickup for controlling discrete values.
Stan.i instr. 33 no.12:26-27 D '62. (MIRA 16:1)
(Electronic control)

SARANTSEV, Petr Leont'yevich; SAVCHENKO, F.T., retsenzent; YATSENKO,
N.F., retsenzent; MAZURENKO, K.D., red.; PESKOVA, L.N., red.;
BOBROVA, Ye.N., tekhn. red.

[Geography of the transportation systems of the U.S.S.R.] Ge-
ografiia putei soobshcheniya SSSR. Izd. 2., perer. i dop. Mo-
skva, Transzheldorizdat, 1962. 233 p. (MIRA 15:10)
(Transportation)

KOLOBANOV, Sergey Konstantinovich; MAZURENKO, Lyubov' Georgiyevna;
VORONKOVA, L.V., red.

[Industrializing sanitary engineering operations] Industriali-
zatsiia sanitarno-tehnicheskikh rabot. Kiev, Budivel'nyk,
1965. 27 p. (MIRA 18:6)

AMBARYAN, O.A. (Odessa); MAZURENKO, L.V. (Odessa)

Pneumatic laboratory device for handling sand. Osn., fund.1
mekh.grun. 4 no.5:21 '62. (MIRA 15:12)
(Pneumatic conveying)(Sand—Transportation)

MARCHENKO, A.S., inzh.; MAZURENKO, L.V.; VASIL'YEVSKIY, Yu.I.

Full-scale testing of embankment horizontal loading. Transp.
stroi. 15 no.4:45-47 Ap '65. (MIRA 18:6)

ACCESSION NR: AP4041783

8/0191/64/000/007/0043/0046

AUTHOR: Marchenko, A. S., Mazurenko, L. V.

TITLE: Mechanical properties of epoxy resins used for model investigations of constructions

SOURCE: Plasticheskiye massy*, no. 7, 1964, 43-46

TOPIC TAGS: epoxy resin, engineering construction model, elasticity modulus, filler, hardener, plasticizer, epoxy resin mechanical property, modeling, plastic model

ABSTRACT: The successful use of plastic models in the study of engineering constructions requires accurate information concerning the physico-mechanical properties of the model material, so that the results obtained may be applied to the actual construction materials. The authors therefore investigated the effect of hardening agents, fillers, plasticizers, time and load on the fatigue strength and elasticity of epoxy resin 1200. The plotted results show that the elastic and plastic properties of epoxy resins can be varied over wide ranges by the appropriate selection of components. The strength of such materials increases with an increase in the amount of hardener to 10%, but a further increase leads to strength loss; the modulus of elasticity, however, increases steadily with increasing amounts of hardeners. By adding a filler to epoxy resins, the elasticity modulus and

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ACCESSION NR: AP4041783

ultimate strength can be decreased. Epoxy resins containing fillers become more brittle. Plasticizers cause the brittleness to decrease and the elasticity of the composition to increase, but the strength decreases. Epoxy resins with plasticizers are characterized by residual deformation, which has no significant effect on the elasticity modulus. The material recommended for models of reinforced concrete constructions ensures the observance of the modeling conditions in the elastic state, but its rheological properties in the elastic-plastic state must be taken into consideration. Orig. art. has: 9 figures, 1 table and 2 formulas.

ASSOCIATION: None

SUBMITTED: 00

ENCL:00

SUB CODE: MT, IE

NO REF SOV: 007

OTHER: 000

2/2

Card

MAZURENKO, M.D.

Mechanism of the formation of multiple stab lesions of the heart
with one entrance wound. Sud. med. ekspert. 7 no.4:49 O-D '64
(MIRA 18:2)

1. Gomel'skoye oblastnoye byuro sudebnomeditsinskoy ekspertizy
(nachal'nik B.S. Sukharskaya).

PASHCHENKO, I.Ye., inzh.; MAZURENKO, M.P., inzh.

Efficiency of the use of computing equipment at the Kiev Automobile
Machine-Tool Plant. Mashinostroenie no.4:22-24 Jl-Ag '65.
(MERA 18:8)

MAZURENKO, N.A.

HYTSLIN, A.M., inzhener; MAZURENKO, N.A., inzhener.

Overheating in bunched conductors and measures for its
control. Energetik 5 no.1:6-8 Ja '57. (MLRA 10:2)

(Electric conductors)

AUTHORS: Rytalin, A. M., and Mazurenko, N. A., Engineers SOV/91-59-2-14/33

TITLE: The Repair of Transformers with the Help of Auto-Mounted Cranes (Remont transformatorov pri pomoshchi avtokranov)

PERIODICAL: Energetik, 1959, Nr. 2, pp 19 - 21 (USSR)

ABSTRACT: The authors describe, in an elementary way, the experience acquired by one power district of the Donbassenergo (Power Administration of the Donets basin) in using truck-mounted cranes for extracting transformer cores, and putting them back into the transformers. Good savings in labor and a speed-up of inspection and repair of transformers was accomplished. There are three tables, 1 photo and one graph.

Card 1/1

MAZURENKO, N.P.
~~MAZRENKO, N. P.~~

"Action of Ultraviolet Vaccine Against Oriental Tick Encephalitis,"
Byul. Eksp. Med. & Biol., 23, No.4, 1947

Chair of Microbiology, AMS USSR, Military Med. Acad. im. Kirov, Leningrad

MAZURENKO, N.P. (Kiyev, ul. Stepana Razina, d.4, kv.6)

The effect of adapted smallpox virus on the grafting and development of mouse cancer [with summary in English]. Vop.onk. 2 no.5:532-537 '56.
(MLRA 10:2)

1. Iz virusologicheskoy laboratorii (zav. - N.P.Mazurenko) Khar'kovskogo rentgeno-onkolog. inst. (dir. - dots. Ye.A.Bazlov)

(NEOPLASMS, exper.

eff. of adapted smallpox virus on grafting & develop. of mouse cancer)

(SMALLPOX, virus

adopted, eff. on grafting & develop. of mouse cancer)

MAZURENKO N.P.

MAZURENKO, N.P.; GEMMA, O.I.

Effect of untreated *B.mesentericus* preparations on the growth of
tumors in mice. Vrach.delo supplement '57:99 (MIRA 11:3)

1. Laboratoriya bioterapii raka (zav.-N.P.Mazurenko) Kiyevskogo
instituta epidemiologii i mikrobiologii.
(BACILLUS MESENTERICUS) (TUMORS)

MAZURENKO, N.P.

GULYY, M.F.; MAZURENKO, N.P.; GONCHAROVSKAYA, T.S.; DAGTYAR', R.G.; GENNA, G.I.; SLYUSARENKO, I.T.; ZAKHAROV, A.V.

Preparation from the lytic substances of *Bacillus mesentericus* and its action on ascitic cancer in mice. Vrach. delo no.12:1347 D '57.
(MIRA 11:2)

1. Laboratoriya bioterapii raka (zav. - kand.med.nauk N.P.Mazurenko) Kiyevskogo instituta epidemiologii i mikrobiologii i otdel tkanevykh belkov (zav. - chlen-korrespondent AN USSR, prof. M.F.Gulyy) Institute biochimii AN USSR.

(CANCER) (BACTERIA, ANEROBIC)

MAZURENKO, N.P. (Kiyev, ul. Stepana Razina, d.4, kv.6); LEMBERG, A.A.
(Khar'kov, Pushkinskaya ul., d.82)

Combined effects of the smallpox vaccine virus and X rays on the
transplantation of mouse cancer [with summary in French]. Vop.
onk. 3 no.2:189-190 '57. (MLRA 10:6)

1. Iz virusologicheskoy laboratorii (zav. - N.P.Mazurenko)
Khar'kovskogo rentgenokologicheskogo instituta (dir. - dots.
Ye.A.Bazlov) i kafedry rentgenologii Instituta usovershenstvo-
vaniya vrachey (zav. - prof. A.A.Lemberg).

(NEOPLSMS, exper.

eff. of vaccinia virus with x-rays on transpl. of mouse
ascites tumor (Rus))

(VACCINIA, virus

eff. on transpl. of mouse ascites tumor, with x-rays (Rus))

(ROENTGEN RAYS, eff.

on mouse ascites tumor transpl., with vaccinia virus (Rus))

MAZURENKO, N.P.; TOPCHIY, M.K.

Study of the virol nature of precancerous diseases of the breast
in man. Vop.virus. 4 no.5:604-610 S-O '59. (MIRA 13:2)

1. Laboratoriya etiologii opukholey Instituta epidemiologii i mikro-
biologii Kiyev.
(BREAST, neoplasms)

Mazurenko, N. P., and Onchiy, L. K.

Investigation under the electron microscope of extracts of the tissue of precancerous changes of the lactiferous glands of man, as a subject for detecting miobular formations. Report 1.

Materialy nauchnykh konferentsii, Kiev, 1959. 70 pp
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

Mazurenko, L. P., and Topchiy, N. N.

Attempt to cultivate globular formation of pre-cancerous changes
tissue of the lactiferous gland of man in chorio-allantoic tissue of
chick embryos.

A question: Is there an agent in pre-cancerous changes tissues of
the lactiferous human gland, identical to the (Lactobacillus) "milk factor"
of mice? Report 3.

Materialy nauchnykh konferentsii, Kiev, 1959. 2nd pp
(Kievskiy nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

Mazurenko, N. P.

Study of the leukosogenic action of different strains of the pox
(small pox) vaccine on mice C57 Br and CSH (f). Report 3.

Study of the possible leukosogenic action of the grippe virus and
of the Newcastle disease on mice C57 and CSH (f). Report 4. (Preliminary)

Materialy nauchnykh konferentsii, Kiev, 1959. 268pp
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

MAZURENKO, N.P.

Filtrable properties of the mouse leukemia agent produced by the
vaccinia virus. Vop. onk. 6 no. 8:18-25 Ag '60. (MIRA 14:1)
(LEUKEMIA) (VACCINIA)

MAZURENKO, N.P.

Induction of leukemias in mice by infective viruses and their role
in the etiology of disease. Vop. onk. 6 no.6:76-83 Je '60.
(MIRA 14:3)

(LEUKEMIA)

(VIRUSES)

MAZURENKO, N. P., TOPCHIY, M. K. and NADGORNAYA, N. I. (USSR)

"Investigations of the cultivation of the virus of leukaemia in mice in vitro and of extracts of human leukaemic tissues."

report submitted for the European Conference on Tumor Biology (UICC),
Warsaw, Poland
22-27 May 1961

Mazurenko, N. P.-Inst. of Epidemiology and Microbiology, Spusk St. Leopana Razina 6,
Kiev

PEYSAKHOVICH, Iosif Mironovich, prof.; KOL'NER, Rakhil' Yul'yevna; KORENEV-SKIY; Leonid Ivanovich; LEVCHUK, Georgiy Antonovich; MAZURENKO, Nikolay Petrovich; POLONSKIY, Boris Leonidovich; SAVITSKIY, Vasiliy Nikolayevich; TELENGATOR, Yakov Moisyevich; UMANSKIY, Julian Aleksandrovich; GLUZMAN, F.A., red.; RAYZ, A.L., tekhn. red.

[Drug therapy for malignant tumors] Khimicterapiia zlokapchestvennykh opukholei. Kiev, Gos. med. izd-vo USSR, 1961. 304 p.
(MIRA 14:11)

(CANCER)

MAZURENKO, N.P.; NADGORNAYA, N.I.; TOPCHIY, M.K.

Study of the activity in mice of tissue extracts from leukemic patients by means of the method of tissue culture.
Vop. virus. 7 no.3:323-327 My-Je'62. (MIRA 16:8)

1. Laboratoriya etiologii opukholey Kiyevskogo instituta
epidemiologii i mikrobiologii.
(LEUKEMIA) (TISSUE CULTURE) (VIRUSES)
(TISSUE EXTRACTS)

MAZURENKO, Nikolay Petrovich; BARSHTEYN, Yu.A., red.; ZAPOL'SKAYA,
L.A., tekhn. red.

[Role of viruses in the etiology of leukemia] Rol' virusov v
etiologii leikozov. Kiev, Gosmedizdat JSSR, 1962. 216 p.
(MIRA 15:9)

(LEUKEMIA) (VIRUS RESEARCH)

MAZURENKO, N.P.

Mouse hemocytoblastosis-reticulosis virus and its properties.
Vop. virus 7 no.1:11-18 Ja-F '62. (MIRA 15:3)

1. Kiyevskiy institut epidemiologii i mikrobiologii.
(LEUKEMIA) (VIRUS~~ES~~)

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